

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/622,869 B
Source: IFW/6
Date Processed by STIC: 06/28/2006

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 06/28/2006

PATENT APPLICATION: US/10/622,869B

TIME: 07:54:13

Input Set : A:\29310-20036.00 Substitute Sequence Listing.txt

Output Set: N:\CRF4\06282006\J622869B.raw

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4 <110> APPLICANT: TIKOO, Suresh K.
6 <120> TITLE OF INVENTION: PAV REGIONS FOR ENCAPSIDATION AND E1
7   TRANSCRIPTIONAL CONTROL
9 <130> FILE REFERENCE: 293102003600
11 <140> CURRENT APPLICATION NUMBER: US 10/622,869B
12 <141> CURRENT FILING DATE: 2003-07-18
14 <150> PRIOR APPLICATION NUMBER: US 60/397,251
15 <151> PRIOR FILING DATE: 2002-07-19
17 <150> PRIOR APPLICATION NUMBER: US 60/460,798
18 <151> PRIOR FILING DATE: 2003-04-04
20 <160> NUMBER OF SEQ ID NOS: 413
22 <170> SOFTWARE: FastSEQ for Windows Version 4.0
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 16
26 <212> TYPE: DNA
27 <213> ORGANISM: Porcine Adenovirus 3
29 <400> SEQUENCE: 1
30 cggaaattcc cgcaca                                     16
32 <210> SEQ ID NO: 2
33 <211> LENGTH: 18
34 <212> TYPE: DNA
35 <213> ORGANISM: Porcine Adenovirus 3
37 <400> SEQUENCE: 2
38 ggcggaaatt cccgcaca                                     18
40 <210> SEQ ID NO: 3
41 <211> LENGTH: 17
42 <212> TYPE: DNA
43 <213> ORGANISM: Porcine Adenovirus 3
45 <400> SEQUENCE: 3
46 gggattttgt gccctct                                     17
48 <210> SEQ ID NO: 4
49 <211> LENGTH: 19
50 <212> TYPE: DNA
51 <213> ORGANISM: Porcine Adenovirus 3
53 <400> SEQUENCE: 4
54 gcgggatttt gtgccctct                                     19
56 <210> SEQ ID NO: 5
57 <211> LENGTH: 16
58 <212> TYPE: DNA
59 <213> ORGANISM: Porcine Adenovirus 3
61 <400> SEQUENCE: 5
62 cggtattccc cacctg                                       16
64 <210> SEQ ID NO: 6

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65 <211> LENGTH: 18
66 <212> TYPE: DNA
67 <213> ORGANISM: Porcine Adenovirus 3
69 <400> SEQUENCE: 6
70 cccggtattc cccacctg 18
72 <210> SEQ ID NO: 7
73 <211> LENGTH: 18
74 <212> TYPE: DNA
75 <213> ORGANISM: Porcine Adenovirus 3
77 <400> SEQUENCE: 7
78 gtgtattttt tccccctca 18
80 <210> SEQ ID NO: 8
81 <211> LENGTH: 20
82 <212> TYPE: DNA
83 <213> ORGANISM: Porcine Adenovirus 3
85 <400> SEQUENCE: 8
86 ggggtgtattt tttccccctca 20
88 <210> SEQ ID NO: 9
89 <211> LENGTH: 17
90 <212> TYPE: DNA
91 <213> ORGANISM: Porcine Adenovirus 3
93 <400> SEQUENCE: 9
94 gtgtatatag tccgcgc 17
96 <210> SEQ ID NO: 10
97 <211> LENGTH: 19
98 <212> TYPE: DNA
99 <213> ORGANISM: Porcine Adenovirus 3
101 <400> SEQUENCE: 10
102 cagtgtatat agtccgcgc 19
104 <210> SEQ ID NO: 11
105 <211> LENGTH: 16
106 <212> TYPE: DNA
107 <213> ORGANISM: Porcine Adenovirus 3
109 <400> SEQUENCE: 11
110 gagttttctc tcagcgc 16
112 <210> SEQ ID NO: 12
113 <211> LENGTH: 18
114 <212> TYPE: DNA
115 <213> ORGANISM: Porcine Adenovirus 3
117 <400> SEQUENCE: 12
118 tagagttttc tctcagcgc 18
120 <210> SEQ ID NO: 13
121 <211> LENGTH: 14
122 <212> TYPE: DNA
123 <213> ORGANISM: Porcine Adenovirus 5
125 <400> SEQUENCE: 13
126 ctggtatttt ccac 14
128 <210> SEQ ID NO: 14
129 <211> LENGTH: 10

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130 <212> TYPE: DNA
131 <213> ORGANISM: Porcine Adenovirus 5
133 <400> SEQUENCE: 14
134 gtgatattgg 10
136 <210> SEQ ID NO: 15
137 <211> LENGTH: 12
138 <212> TYPE: DNA
139 <213> ORGANISM: Porcine Adenovirus 5
141 <400> SEQUENCE: 15
142 cctttacctg gg 12
144 <210> SEQ ID NO: 16
145 <211> LENGTH: 14
146 <212> TYPE: DNA
147 <213> ORGANISM: Porcine Adenovirus 5
149 <400> SEQUENCE: 16
150 ctcaatttta ccac 14
152 <210> SEQ ID NO: 17
153 <211> LENGTH: 15
154 <212> TYPE: DNA
155 <213> ORGANISM: Porcine Adenovirus 5
157 <400> SEQUENCE: 17
158 ggtcgatttt tccac 15
160 <210> SEQ ID NO: 18
161 <211> LENGTH: 17
162 <212> TYPE: DNA
163 <213> ORGANISM: Porcine Adenovirus 5
165 <400> SEQUENCE: 18
166 cctatttatt ctgcgcg 17
168 <210> SEQ ID NO: 19
169 <211> LENGTH: 14
170 <212> TYPE: DNA
171 <213> ORGANISM: Homo Sapien Adenovirus 5
173 <220> FEATURE:
174 <221> NAME/KEY: misc_feature
175 <222> LOCATION: (5)...(12)
176 <223> OTHER INFORMATION: n = A,T,C or G
178 <400> SEQUENCE: 19
W--> 179 tttgnnnnnn nncg 14
181 <210> SEQ ID NO: 20
182 <211> LENGTH: 18
183 <212> TYPE: DNA
184 <213> ORGANISM: Porcine Adenovirus 5
186 <400> SEQUENCE: 20
187 ccctatttat tctgcgcg 18
189 <210> SEQ ID NO: 21
190 <211> LENGTH: 18
191 <212> TYPE: DNA
192 <213> ORGANISM: Artificial Sequence
194 <220> FEATURE:

```

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```

195 <223> OTHER INFORMATION: Primer
197 <400> SEQUENCE: 21
198 cgtcttcaag gatacctta                                18
200 <210> SEQ ID NO: 22
201 <211> LENGTH: 18
202 <212> TYPE: DNA
203 <213> ORGANISM: Artificial Sequence
205 <220> FEATURE:
206 <223> OTHER INFORMATION: Primer
208 <400> SEQUENCE: 22
209 cgcgctgata tcctcctc                                18
211 <210> SEQ ID NO: 23
212 <211> LENGTH: 28
213 <212> TYPE: DNA
214 <213> ORGANISM: Artificial Sequence
216 <220> FEATURE:
217 <223> OTHER INFORMATION: Primer
219 <400> SEQUENCE: 23
220 ccgcaattgg tcatcacacg tcattttc                    28
222 <210> SEQ ID NO: 24
223 <211> LENGTH: 27
224 <212> TYPE: DNA
225 <213> ORGANISM: Artificial Sequence
227 <220> FEATURE:
228 <223> OTHER INFORMATION: Primer
230 <400> SEQUENCE: 24
231 ccgcaattgg gggcgggggcc gagcggc                    27
233 <210> SEQ ID NO: 25
234 <211> LENGTH: 27
235 <212> TYPE: DNA
236 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <223> OTHER INFORMATION: Primer
241 <400> SEQUENCE: 25
242 ccgcaattgg cggaggaccg ccccagg                    27
244 <210> SEQ ID NO: 26
245 <211> LENGTH: 26
246 <212> TYPE: DNA
247 <213> ORGANISM: Artificial Sequence
249 <220> FEATURE:
250 <223> OTHER INFORMATION: Primer
252 <400> SEQUENCE: 26
253 ccgcaattga taccgcggga ttttgt                    26
255 <210> SEQ ID NO: 27
256 <211> LENGTH: 27
257 <212> TYPE: DNA
258 <213> ORGANISM: Artificial Sequence
260 <220> FEATURE:
261 <223> OTHER INFORMATION: Primer

```

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263 <400> SEQUENCE: 27
264 ccgcaattgc tccacctgtg cgggaat 27
266 <210> SEQ ID NO: 28
267 <211> LENGTH: 25
268 <212> TYPE: DNA
269 <213> ORGANISM: Artificial Sequence
271 <220> FEATURE:
272 <223> OTHER INFORMATION: Primer
274 <400> SEQUENCE: 28
275 ccgcaattgc accacacgtc cgcgg 25
277 <210> SEQ ID NO: 29
278 <211> LENGTH: 27
279 <212> TYPE: DNA
280 <213> ORGANISM: Artificial Sequence
282 <220> FEATURE:
283 <223> OTHER INFORMATION: Primer
285 <400> SEQUENCE: 29
286 ccgcaattgc ggaagtgccca caccgga 27
288 <210> SEQ ID NO: 30
289 <211> LENGTH: 28
290 <212> TYPE: DNA
291 <213> ORGANISM: Artificial Sequence
293 <220> FEATURE:
294 <223> OTHER INFORMATION: Primer
296 <400> SEQUENCE: 30
297 ccgcaattgt cgcgctgaga ggtccgcg 28
299 <210> SEQ ID NO: 31
300 <211> LENGTH: 27
301 <212> TYPE: DNA
302 <213> ORGANISM: Artificial Sequence
304 <220> FEATURE:
305 <223> OTHER INFORMATION: Primer
307 <400> SEQUENCE: 31
308 ccgcaattga ggacaccccg ctcaggt 27
310 <210> SEQ ID NO: 32
311 <211> LENGTH: 29
312 <212> TYPE: DNA
313 <213> ORGANISM: Artificial Sequence
315 <220> FEATURE:
316 <223> OTHER INFORMATION: Primer
318 <400> SEQUENCE: 32
319 ccgcaattgt tttttcccct cagtgtata 29
321 <210> SEQ ID NO: 33
322 <211> LENGTH: 27
323 <212> TYPE: DNA
324 <213> ORGANISM: Artificial Sequence
326 <220> FEATURE:
327 <223> OTHER INFORMATION: Primer
330 <400> SEQUENCE: 33

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/622,869B

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:19; N Pos. 5,6,7,8,9,10,11,12

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L:179 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0